THE SILURIAN REGION

AND ADJACENT COUNTIES OF

ENGLAND & WALES

GEOLOGICALLY ILLUSTRATED

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FROM THE ORDNANCE SURVEY COLOURED IN THE FIELD

during the Years 1831—8

Drawn & Engraved by J. Gardner, Regent Street London.

SILURIAN ROCKS
(described by Sedgwick).

Scale of English Miles

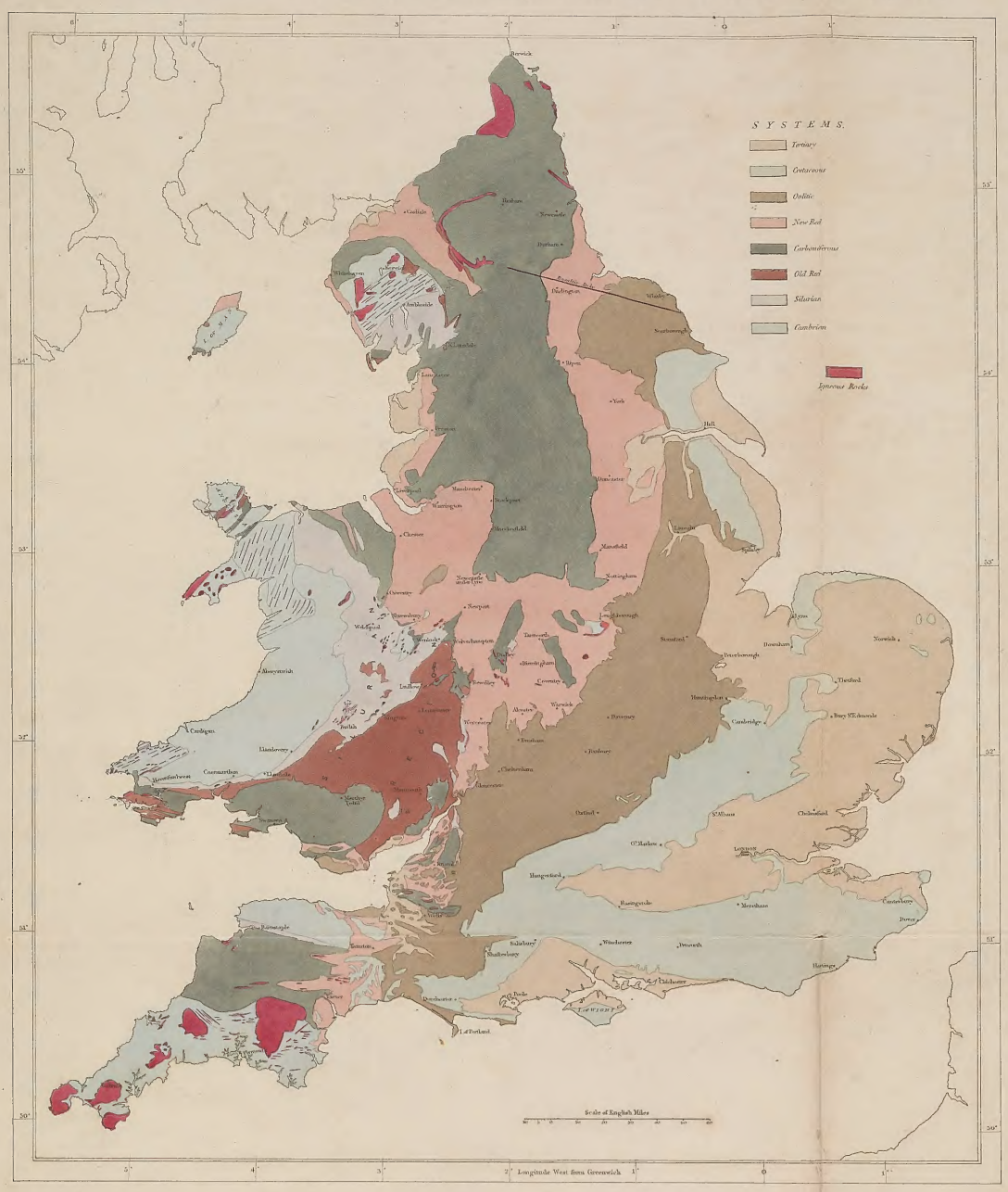
The Figures on the Map denote the Heights of the Ground above the Level of the Sea at Low Water

The Strike of the Strata is often indicated by the direction in which the names of the Hills and Valleys are written

C ROCKS TO SEDIMENTARY DEPOSITS

Level of the Sea

ENGLAND AND WALES Coloured according to *GEOLOGICAL SYSTEMS*



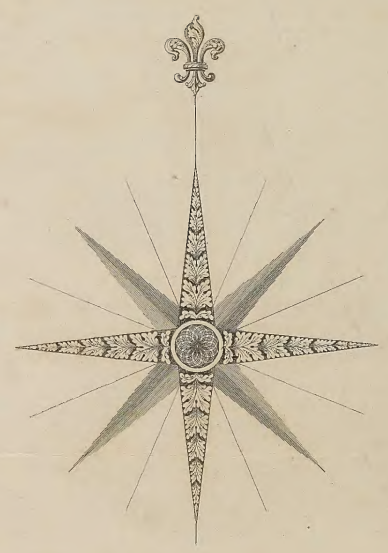


TABLE OF COLOURS OF THE SEDIMENTARY DEPOSITS.

SUBDIVISIONS

a	*Inferior Oolite*		*OOLITIC SYSTEM*
b	*Upper Lias and Marlstone*		
b	*Lower Lias*		
c′	*Upper Red Marl*		*NEW RED SYSTEM*
c	*Keuper Sandstone*		
c	*Lower Red Marl*		
d	*New Red Sandstone*		
e	*Calcareous Conglomerate* / *Magᵉˢ Limest.*		
f	*Lower New Red Sandstone*		
f′	*Upper Coal & Freshwater Limest.*		*CARBONIFEROUS SYSTEM*
f	*Lower Coal measures*		
h	*Millstone Grit*		
i	*Carboniferous Limestone*		
k	*Old Red Conglomerate*		*OLD RED SYSTEM*
l	*Cornstone & Marls of Old Red*		
m	*Tilestone of Old Red*		
n	*Upper Ludlow Rock*	*Ludlow*	*SILURIAN SYSTEM* (Upper Silurian Rocks)
n	*Aymestry or Ludlow Limest.*		
n	*Lower Ludlow Rock*		
o	*Wenlock Limestone*	*Wenlock*	
o	*Wenlock Shale*		
p	*Upper Caradoc* (with Limest.)	*Caradoc*	(Lower Silurian Rocks)
p′	*Caradoc Sandstone*		
q	*Llandeilo flags* (& Limest.)	*Llandeilo*	
r	*Upper Cambrian* (beds of passage)		*CAMBRIAN SYSTEM* (PART OF)
s	*Slaty Cambrian Rocks*		

N.B. Where the Silurian System cannot be accurately divided into formations (the subdividing Limestones being absent) the Upper Silurian Rocks are marked n·o & the Lower Silurian p·q.

ROCKS OF IGNEOUS ORIGIN

- *Volcanic Grit in Upper Cambrian*
- *Volcanic Grit in Lower Silurian*
- *Volcanic Grit in Lower New Red Sandst. and Coal Measure*
- *Trap in Cambrian Rocks*
- *Trap (Syenite &c) in Silurian Rocks & Old Red Sandst.*
- *Trap (Basalt &c) in Coal Fields*
- *Trap in Lower New Red Sandst.*
- *Trap &c in New Red Sandst.*
- *Quartz Rock (altered Caradoc Sandst.)*

Explanation of Signs

- *Copper Ores*
- *Lead Mines*
- *Iron Mines*
- *Mineral Springs*
- *Dip of Strata*
- *Contortions*
- *Lines of Section as* Pl. 29 f. 3
- *Anticlinal Lines*
- *Faults*
- *Strike or Direction of Strata*

ORDER of the SEDIMENTARY DEPOSITS

Explanatory of the Colours on the MAP

CAMBRIAN SYSTEM — Upper part of

SILURIAN SYSTEM — Llandeilo Flags; Caradoc Sandstone; Wenlock Limestone; Ludlow Rocks — Lower Silurian Rocks; Upper Silurian Rocks

OLD RED SYSTEM — Tilestone; Cornstone and Marl; Old Red Conglom.

CARBONIFEROUS SYSTEM — Carbonic Limest.; Millstone Grit; Third Coal measures; Coal measures; Coal & Culm

NEW RED SYSTEM — Lower New Red; Magnesian Conglom.; Upper New Red Sandst.; Keuper Marl; Keuper Sandstone

OOLITIC SYSTEM — Lower Lias; Upper Lias Limestone